

10/001784
12/05/01

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|---|
| Attorney Docket No. | 740270-2681 |
| First Inventor | John T. Carroll, III et al. |
| Title | Outwardly opening, Seat-Sealed, Force Balanced, Hydraulic Valve And Actuator Assembly |
| Express Mail Label No. | |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 26]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications (*if applicable*)
 - Statement Regarding Fed sponsored R & D (*if applicable*)
 - Reference to sequence listing, a table, or a computer program listing appendix (*if applicable*)
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 07]
5. Oath or Declaration [Total Pages 01]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies; or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Notice of Inventor Duty of Disclosure And Inventorship

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____

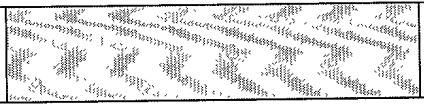
Prior application information:

Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | | |
|--|---|-----------------------------------|--------------|---|
| <input type="checkbox"/> Customer Number or Bar Code Label |  | | | or <input checked="" type="checkbox"/> Correspondence address below |
| Name | James E. Howard | | | |
| Address | NIXON PEABODY LLP 8180 Greensboro Drive, Suite 800 | | | |
| City | McLean | State | Virginia | Zip Code 22102 |
| Country | USA | Telephone | 703-790-9110 | Fax 703-883-0370 |
| Name (Print/Type) | James E. Howard | Registration No. (Attorney/Agent) | | 39,715 |
| Signature |  | | Date | December 5, 2001 |

FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT **\$924.00**

Complete if Known

| | |
|----------------------|-----------------------------|
| Application Number | New Application |
| Filing Date | December 5, 2001 |
| First Named Inventor | John T. Carroll, III et al. |
| Examiner Name | Not yet assigned |
| Group Art Unit | Not yet assigned |
| Attorney Docket No. | 740270-2681 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **19-2380**Deposit Account Name **Nixon Peabody LLP**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------------|-----------------------------|-------------------------------|---------------|
| 101 | 740 | 201 370 Utility filing fee | 740.00 |
| 106 | 330 | 206 165 Design filing fee | |
| 107 | 510 | 207 255 Plant filing fee | |
| 108 | 740 | 208 370 Reissue filing fee | |
| 114 | 160 | 214 80 Provisional filing fee | |

SUBTOTAL (1) **\$740.00**

2. EXTRA CLAIM FEES

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------------------|------------|
| Total Claims | 28 | -20** = 8 X 18.00 | = 144.00 |
| Independent Claims | 3 | -3** = 0 X 0 | = 0 |
| Multiple Dependent | | | |

| Large Entity Fee Code | Small Entity Fee Code | Fee Description |
|-----------------------------|-----------------------------|--|
| 103 | 18 | 203 9 Claims in excess of 20 |
| 102 | 84 | 202 42 Independent claims in excess of 3 |
| 104 | 280 | 204 140 Multiple dependent claim, if not paid |
| 109 | 84 | 209 42 ** Reissue independent claims over original patent |
| 110 | 18 | 210 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) **\$144.00**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Fee Code | Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description | Fee Paid |
|---------------------------|--------------------------------|--------------------------------|---|----------|
| 105 | 130 | 205 | 65 Surcharge – late filing fee or oath | |
| 127 | 50 | 227 | 25 Surcharge – late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 Non-English transaction | |
| 147 | 2,520 | 147 | 2,520 For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 Extension for reply within first month | |
| 116 | 400 | 200 | 200 Extension for reply within second month | |
| 117 | 920 | 460 | 460 Extension for reply within third month | |
| 118 | 1,440 | 720 | 720 Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 Notice of Appeal | |
| 120 | 320 | 220 | 160 Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 Petition to revive – unavoidable | |
| 141 | 1,280 | 241 | 640 Petition to revive – unintentional | |
| 142 | 1,280 | 242 | 640 Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 Design issue fee | |
| 144 | 620 | 244 | 310 Plant issue fee | |
| 122 | 130 | 122 | 130 Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 Processing fee under 37 CR 1.17(q) | |
| 126 | 180 | 126 | 180 Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 | 740 | 246 | 370 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 For each additional invention to be examined (37 CFR § 1.29(b)) | |
| 179 | 740 | 279 | 370 Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | |

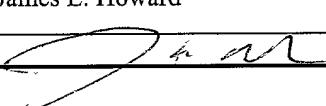
* Reduced by Basic Filing Fee Paid **SUBTOTAL (3) \$40.00**

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on _____

Name _____

Complete (if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|------------------|
| Name (Print/Type) | James E. Howard | Registration No. (Attorney/Agent) | 39,715 | Telephone | 703-790-9110 |
| Signature |  | | | Date | December 5, 2001 |